**Lab Assignment- ICP**

1. Program to compute area and circumference of a circle
2. Write a program which takes marks of five students as input and computes the average marks. Print the average mark of five students.
3. Write a program to compute roots of a quadratic equation

ax2 + bx + c = 0

1. Write a program to solve two linear equations

2x + 8y – 10 = 0

5x + 6y – 5 = 0

1. Draw a flow chart for calculating the gross salary of a employee if his basic salary is input through the keyboard. if basic salary is less than Rs.1500 then HRA = Rs. 500 and DA = 90% of basic. If salary is equal or greater than 1500 then HRA = 10% and DA = 95% of basic salary.
2. Write a program to determine whether a number is odd or even and print the appropriate message.
3. Write a program to find the smallest of the three numbers.
4. Write a program to determine whether the input year is a leap year or not.
5. Write a program to reverse a three digit decimal number and determine whether the two numbers are equal or not.
6. Write a program to add the digits of a number. Let the number is of 4 digits only.